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CALENDAR

meetings, seminars and short courses

MEETINGS

FEBRUARY 3-7 7th Annual Symposium on Explosives and Blasting Research, Las Vegas, NV (Soc. of Explosives Engrs., 33610 Solon Rd., Solon, OH 44139 - (216)349-4004; Fax (216)349-3788)

FEBRUARY 13-15 Damping '91, San Diego, CA (CSA Engrg. Inc., ATTN: Damping '91, Administrative Chairman, 560 San Antonio Rd., Suite 101, Palo Alto, CA 94302-4682)

MARCH 11-15 Second International Conference on Recent Advances in Geotechnical Earthquake Engineering and Soil Dynamics, St. Louis, MO (Shamsher Prakash, Conf. Chairman, Dept. of Civil Engrg., Univ. of Missouri-Rolla, Rolla, MO 65401 - (314)341-4489; Fax (314)341-4729)

MARCH 13-15 Mechanics and Mechanisms of Material Damping, Baltimore, MD (Dr. Vikram K. Kinra, Texas A&M Univ., Dept. of Aerospace Engrg., College, Station, TX 77843 - (409) 845-1667)

APRIL 2-5 European Conference on New Advances in Computational Structural Mechanics, Giens (Var), France (Prof. P. Ladeveze, GRECO-GIS "Calcul des Structures," Lab. de Mecanique et Tech., 61 Ave. du President Wilson, 95235 Cachan Cedex, France - 33-1-47-40-22-38; Fax 31-1-47-40-20-34)

APRIL 3-5 Applied Solid Mechanics -- 4th Conference, Univ. of Leicester, Leicester, UK (Prof. A.R.S. Ponter, Univ. of Leicester, Leicester, UK LE1 7RH)

APRIL 4-5 Third International Conference on Structural Failure, Singapore (Dr. K.H. Tan, Dept. of Civil Engrg., Natl. Univ. of Singapore, 10 Kent Ridge Cres. 0511 Singapore)

APRIL 8-10 AIAA/ASME/ASCE/AHS/ASC 32nd Structures, Structural Dynamics and Materials (SDM) Conf., Baltimore, MD (Ron Kollmansberger, 16761 Via Del Campo Court, San Diego, CA - (619)592-2423

APRIL 9-11 45th Meeting of the Mechanical Failures Prevention Group (MFPG), Annapolis, MD (Henry C. Pusey, 4193 Sudley Road, Haymarket, VA 22069 - (703)754-2234)

APRIL 15-17 NASA/ONR/U.S. Army/AIAA/AHS/ASA/INCE Conference on Recent Advances in Active Control of Sound and Vibration, Blacksburg, VA (D. Williams, Virginia Tech., Blacksburg, VA - (703)231-9101)

APRIL 22-23 Forum on Advanced Boundary Element Methods, Patras, Greece (Prof. J.H. Kane, Mechanical and Industrial, Engrg., Clarkson Univ., Potsdam, NY 13676 - (315)268-6587; Fax (315)268-6438)

APRIL 29-MAY 2 The 46th Annual Meeting of the Society of Tribologists and Lubrication Engineers, Montreal, Quebec, Canada (Chris M. Ettles, Dept. of Mech. Engrg., Rensselaer Polytechnic Inst., Troy, NY 12180-3590 - (518)276-6982)

APRIL 30-MAY 2 AIAA Annual Meeting and Exhibit, Arlington, VA

MAY 2-3 ASNE Day 1991 -- Naval Engineering in the Changing Defense Structures, Washington, DC (Capt. James E. Grabb, USCG (Ret.), ASNE Day Papers 1990, 1452 Duke St., Alexandria, VA 22314 - (703)836-6727)

MAY 5-9 Meeting of Acoustical Society of America, Baltimore, MD (Murray Strasberg, ASA, 500 Sunnyside Blvd., Woodbury, NY 11797)

MAY 6-10 IES 37th Annual Technical Meeting and Equipment Exposition, San Diego, CA (1991 Technical Program Committee, IES Headquarters, 940 East

Northwest Highway, Mt. Prospect, IL 60056 - (708)255-1561; Fax (708)255-1699)

MAY 7-9 10th Conference on Acoustics, Budapest, Hungary) Optical, Acoustical and Filmtechnical Society, Fo u. 68, 1027 Budapest, Hungary)

MAY 19-22 American Society of Civil Engineers (ASCE) Engineering Mechanics Specialty Conference, Columbus, OH (Prof. H. Adeli, Dept. of Civil Engrg., Ohio State Univ., 470 Hitchcock Hall, 2070 Neil Ave., Columbus, OH 43210-1275; Fax (614)292-9021)

MAY 21-23 Fifth International Conference on Flow Induced Vibration, Brighton, UK (Alison Elgar, Conf. Dept. C416, IMechE, 1 Birdcage Walk, Westminster, London SW1H 9JJ)

MAY 21-24 Conference on Advances in Marine Structures -- 2, Dunfermline, Fife, Scotland (Elsevier Seminars, Mayfield House, 256 Banbury Road, Oxford OX2 7DH, UK - 0865-512242; Fax 0865-310981)

MAY 31-JUNE 5 Seventh International Conference on Pressure Vessel Technology, Düsseldorf, Germany (Secretariat of the German Committee of the ICPVT Vereinigung der Technischen Überwachungs-Vereine, Kurfürstenstrasse 56, 4300 Essen 1, Germany - Fax 02-01-8111-120)

MAY 27-29 Interaction Between Major Engineering Structures and the Marine Environment, Nyborg, Denmark (A. Golay, IABSE Secretariat, ETH Honggerberg, CH-8093 Zurich, Switzerland)

JUNE 3-6 DGLR/AAAF/RAeSAIAA International Forum on Aeroelasticity and STructural Dynamics, Aachen, Germany (Dr. Elmar Breitbach - 0551-709-2342)

JUNE 4-6 Fifteenth Annual Meeting, Memphis, TN (Vibration Institute, 6262 South Kingery Highway, Suite 212, Willowbrook, IL 60514 - (708)654-2254; Fax (708)654-2271)

JUNE 11-13 Betech 91 -- 6th International Conference on Boundary Element Technology, Southampton, UK (Liz Newman, Computational Mechanics, Institute, Wessex Inst. of Tech., Ashurst Lodge, Ashurst, Southampton, SO4 2AA, UK - 0703 293223; Intl. Phone 44 703 293223; Fax 0703292853; Intl. Fax 44 703 292853; Telex 47388 Attn COMPMECH)

JUNE 12-14 Sixth Canadian Conference on Earthquake Engineering, Toronto, Ontario, Canada (Organizing Secretary, 6CCEE, Dept. of Civil Engrg., Univ. of Toronto, Toronto, Ontario M5S 1A4, Canada - (416)978-5960; Fax (416)978-6813)

JULY 1-5 Symposium on Nonlinear Stochastic Methods, Torino, Italy (Prof. N. Bellomo, Dipt. Matematica Politecnico, Corso Duca degli Abruzzi 24, 10129, Torino, Italy)

JULY 8-10 6th International Conference in Australia on Finite Element Methods, Sydney, Australia (Dr. Colin McIvor, Organizing Committee, Dept. of Aeronautical Engrg., Univ. of Sydney, Sydney, NSW 2006, Australia - (02)692-2850; Fax (02)692-2012)

JULY 14-16 Noise-Con 91, Tarrytown, NY (Conference Secretariat, Noise Control Foundation, P.O. Box 2469 Arlington Branch, Poughkeepsie, NY 12603 - (914)462-4006)

JULY 15-18 Fourth International Conference on Recent Advances in Structural Dynamics, Southampton, UK (Dr. M. Petyt, ISVR, Univ. of Southampton, Southampton SO9 5NH, UK)

JULY 17-19 8th Conference -- Nonlinear Finite Element Analysis and Adina, Cambridge, MA (Prof K.J. Bathe, M.I.T., 77 Massachusetts Ave., Room 3-356, Cambridge, MA 02139 - (617)253-6645)

JULY 23-26 Response of Structures Subjected to Large Dynamic Loads: Euromech Colloquium, Liverpool, UK (Professor N. Jones, Dept. of Mechanical Engineering, University of Liverpool, P.O. Box 147, Liverpool L69 3BX, UK)

AUGUST 18-23 11th International Conference on Structural Mechanics in Reactor Technology, , Nishi-Shinjuku, Tokyo, Japan (Prof. Heki Shibata, SMiRT 11, Komae Res. Lab., Central Res. Inst. of Electric Power Industry, 2-11-1,

Iwato, Kita, Komae, Tokyo 201, Japan - Telex 242-3098 CRIEPI J; Fax 03(480)2493)

AUGUST 20-22 International Conference Computational Structures Technology, Edinburgh, UK (B.H.V. Topping, Dept. of Civil Engrg., Heriot-Watt Univ., Ricarton, Edinburgh EH14 4AS, Scotland, UK)

AUGUST 21-23 13th Boundary Element Method International Conference, Tulsa, OK (Dr. C.A. Brebbia, Computational Mechanics Inst., Wessex Inst. of Tech., Ashurst Lodge, Ashurst, Southampton SO4 2AA, UK)

AUGUST 26-31 Eighth World Congress on the Theory of Machines and Mechanisms, Prague, Czechoslovakia (Prof. B. Ravani, Dept. of Mech. Engrg., Univ. of California, Davis, CA 95616)

AUGUST 26-31 Pacific Conference on Earthquake Engineering, Auckland, New Zealand (Administrative Secretary, New Zealand Natl. Soc. for Earthquake Engrg., P.O. Box 17-268, Karori, Wellington, New Zealand)

SEPTEMBER 9-13 First European Solid Mechanics Conference, Munich, Germany (Prof. F. Pfeiffer (Chairman, Local Organizing Committee), Lehrstuhl B fuer Mechanik, Technical Univ. of Munich, Arcisstrasse 21, D-8000 Munich 2, Germany - 89-2105-3200; Fax 89-2105-2000; Telex 522854 tumue d)

SEPTEMBER 18-20 International Conference Earthquake, Blast and Impact, Manchester, UK (Conference Office, Inst. of Civil Engrs., 1-7 Great George St., London SW1P 3AA, UK)

SEPTEMBER 22-25 Thirteenth Biennial ASME Conference on Mechanical Vibration and Noise, Miami, Florida (Prof. T.C. Huang, Conference Chairman, Dept. of Engrg. Mech., Univ. of Wisconsin, 1415 Johnson Drive, Madison, WI 53706 - 608-262-3990; Fax 608-262-3735)

SEPTEMBER 22-27 5th European Conference on Nondestructive Testing, Sarejevo, Yugoslavia (Prof. Dr. Ing. Branislav Sladojevic, Metalurski Fakultet, YU72000, Zenica, Yugoslavia)

SEPTEMBER 23-26 Fifth International Conference on Soil Dynamics and Earthquake Engineering, Karlsruhe, Germany (SDEE91, Inst. of Soil Mechanics and Rock Mechanics, Univ. of Karlsruhe, D-7500, Karlsruhe 1, Germany)

OCTOBER 7-9 22nd Midwestern Mechanics Conference, Rolla, MO (Prof. R.C. Batra, Dept. of Mech. & Aerospace Engrg. & Engrg. Mechanics, Univ. of Missouri-Rolla, Rolla, MO 65401-0249 - (314)341-4589)

NOVEMBER 4-8 Meeting of Acoustical Society of America, Houston, TX (Murray Strasberg, ASA, 500 Sunnyside Blvd., Woodbury, NY 11797)

NOVEMBER 18-23 Pacific Conference on Earthquake Engineering, Auckland, New Zealand (Administrative Secretary, New Zealand Natl. Soc. for Earthquake Engrg., P.O. Box 17-268, Karori, Wellington, New Zealand)

NOVEMBER 26-27 Western Pacific Regional Acoustics Conference IV, Brisbane, Australia (Unisearch Ltd., P.O. Box 1, Kensington, NSW 2033, Australia)

DECEMBER 2-4 Inter-Noise 91, Sydney Australia (Conf. Secretariat, Christine Bourke, The IPACE Inst., Univ. of New South Wales, P.O. Box 1, Kensington, NSW, Australia 2033 - FAX 61-2-662-6983)

SHORT COURSES

FEBRUARY 4-8 Elements of Structural Dynamics and Blast-Resistant Design, San Antonio, TX (Wilfred Baker Engineering, Inc., 8700 Crownhill, Suite 310, P.O. Box 6477, San Antonio, TX 78209 - (512)824-5960)

FEBRUARY 19-22 Machinery Vibration Analysis I, Tempe, AZ (Vibration Institute, 6262 South Kingery Highway, Suite 212, Willowbrook, IL 60514 - (708)654-2254; Fax (708)654-2271)

FEBRUARY 25-MARCH 1 The Engineering and the Dynamics of Measuring Systems, Scottsdale, AZ (Peter Stein, Director, 5602 E. Monte Rosa, Phoenix, AZ 85018-4646 - (602)-945-4603)

MARCH 4-8 The Dynamics of Measurement Systems, Scottsdale, AZ (Peter K. Stein, Stein Engrg. Serv., Inc. 5602 E. Monte Rosa, Phoenix, AZ 85018-4646 - (602)945-4603)

MARCH 18-22 Practical Shock Analysis and Design, Portland, ME (Vibration Institute, 6262 South Kingery Highway, Suite 212, Willowbrook, IL 60514 - (708)654-2254; Fax (708)654-2271)

MARCH 26-29 Machinery Vibration Monitoring, Oak Brook, IL (Vibration Institute, 6262 South Kingery Highway, Suite 212, Willowbrook, IL 60514 - (708)654-2254; Fax (708)654-2271)

MARCH 26-29 Machinery Vibration Analysis II, Oak Brook, IL (Vibration Institute, 6262 South Kingery Highway, Suite 212, Willowbrook, IL 60514 - (708)654-2254; Fax (708)654-2271)

MAY 13-17 Rotor Dynamics and Balancing, Syria, VA (Vibration Institute, 6262 South Kingery Highway, Suite 212, Willowbrook, IL 60514 - (708)654-2254; Fax (708)654-2271)

JUNE 1991 Acoustics and Signal Processing, Pennsylvania State Univ., State College, PA (Dr. Alan D. Stuart, Summer Program Coordinator, Penn State Graduate Program in Acoustics, P.O. Box 30, State College, PA 16804 - (814)863-4128; Fax (814)865-3119

JULY 16-19 Balancing and Alignment, Nassau Bay, TX (Vibration Institute, 6262 South Kingery Highway, Suite 212, Willowbrook, IL 60514 - (708)654-2254; Fax (708)654-2271)

AUGUST 6-9 Modal Testing of Machines & Structures, Portsmouth, VA (Vibration Institute, 6262 South Kingery Highway, Suite 212, Willowbrook, IL 60514 - (708)654-2254; Fax (708)654-2271)

OCTOBER 29-NOVEMBER 1 Vibrations of Reciprocating Machinery, Willowbrook, IL (Vibration Institute, 6262 South Kingery Highway, Suite 212, Willowbrook, IL 60514 - (708)654-2254; Fax (708)654-2271)

NOVEMBER 12-15 Vibration Analysis of Pulp and Paper Machines, Nashville, TN (Vibration Institute, 6262 South Kingery Highway, Suite 212, Willowbrook, IL 60514 - (708)654-2254; Fax (708)654-2271)

CALENDAR OF ACRONYM DEFINITIONS AND ADDRESSES OF SOCIETY HEADQUARTERS

AIAA American Institute of Aeronautics and Astronautics
370 L'Enfant Promenade, SW
Washington, DC 20024-2518

ASA Acoustical Society of America
335 E. 45th Street
New York, NY 10017

ASCE American Society of Civil Engineers
United Engineering Center
345 E. 47th Street
New York, NY 10017-2398

ASME American Society of Mechanical Engineers
United Engineering Center
345 E. 47th Street
New York, NY 10017

IEEE Institute of Electrical and Electronics Engineers
United Engineering Center
345 E. 47th Street
New York, NY 10017

IES Institute of Environmental Sciences
940 E. Northwest Highway
Mt. Prospect, IL 60056

IMechE Institution of Mechanical Engineers
P.O. Box 24
Northgate Avenue, Bury St. Edmunds
Suffolk 1P32 6BW, UK

IFToMM International Federation for Theory of Machines and Mechanisms
U.S. Council for TMM
Pergamon Press, Inc.
Maxwell House, Fairview Park
Elmsford, NY 10523

INCE Institute of Noise Control Engineering
P.O. Box 3206
Arlington Branch
Poughkeepsie, NY 12603

ISA Instrument Society of America
67 Alexander Drive
Research Triangle Pk., NC 27709

SAE Society of Automotive Engineers
400 Commonwealth Drive
Warrendale, PA 15096

SEM Society for Experimental Mechanics
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Bethel, CT 06801

SEE Society of Environmental Engineers
Owles Hall
Buntingford, Hertz
SG9 9PL, England

SNAME Society of Naval Architects and Marine Engineers
601 Pavonia Avenue
Jersey City, NJ 07306

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222 Palisades Creek Drive
Richardson, TX 77843

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838 Busse Highway
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College Station, TX 77843

PUBLICATION POLICY

Unsolicited articles are accepted for publication in the ***Shock and Vibration Digest***. Feature articles should be tutorials and/or reviews of areas of interest to shock and vibration engineers. Literature review articles should provide a subjective critique/summary of papers, patents, proceedings, and reports of a pertinent topic in the shock and vibration field. A literature review should stress important recent technology. Only pertinent literature should be cited. Illustrations are encouraged. Detailed mathematical derivations are discouraged; rather, simple formulas representing results should be used. When complex formulas cannot be avoided, a functional form should be used so that readers will understand the interaction between parameters and variables.

Manuscripts must be typed (double-spaced) and figures attached. It is recommended strongly that line fixtures be rendered in ink or heavy pencil and labeled neatly. Photographs must be unscreened glossy black and white prints. The format for references shown in ***Digest*** articles is to be followed.

Manuscripts must begin with a brief abstract, or summary. Only material referred to in the text should be included in the list of References at the end of the article. References should be cited in text by consecutive numbers in brackets, as in the following example:

> Unfortunately, such information is often unreliable, particularly statistical data pertinent to a reliability assessment, as has been previously noted [1].
>
> Critical and certain related excitations were first applied to the problem of assessing system reliability almost a decade ago [2]. Since then, the variations that have been developed and practical applications that have been explored [3-7] indicate ...

The format and style for the list of references at the end of the article are as follows:

- each citation number as it appears in text (not in alphabetical order)
- last name of author/editor followed by initials or first name
- titles of articles within quotations, titles of books underlined
- abbreviated title of journal in which article was published (see Periodicals Scanned list in January and June issues)
- volume, issue number, and pages for journals; publisher for books
- year of publication in parentheses

A sample reference list is given below.

> 1. Platzer, M.F., "Transonic Blade Flutter -- A Survey," Shock Vib. Dig., 7 (7), pp 97-106 (July 1975).
>
> 2. Bisplinghoff, R.L., Ashley, H., and Halfman, R.L., Aeroelasticity, Addison- Wesley (1955).
>
> 3. Jones, W.P. (Ed.), "Manual on Aeroelasticity," Part II, Aerodynamic Aspects, Advisory Group Aeronaut. Res. Dev. (1962).

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THE SHOCK AND VIBRATION DIGEST

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